

File 351:DERWENT WPI 1981-1995/UD=9535;UA=9529;UM=9524
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Set Items Description

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?s respiratory(w)syncytial

4324 RESPIRATORY

118 SYNCYTIAL

S1 113 RESPIRATORY(W)SYNCYTIAL

?s s1 and (vaccin? or immuniz?)

113 S1

5409 VACCIN?

91 IMMUNIZ?

S2 49 S1 AND (VACCIN? OR IMMUNIZ?)

?s s2 and (inactiv? or kill?)

49 S2

11009 INACTIV?

6450 KILL?

S3 4 S2 AND (INACTIV? OR KILL?)

?t s3/6/1-4

3/6/1

008583084 WPI Acc No: 91-087116/12

XRAM Acc No: C91-036999

Vaccine contg. stabiliser with two amino Gps. - contg. polio rota, or measles-virus or rubella etc

3/6/2

008105423 WPI Acc No: 89-370534/50

XRAM Acc No: C89-164064

Topical antiviral compsn. contg. L-acyl-carnitine - for treating or preventing infections in humans animals and plants

3/6/3

007836497 WPI Acc No: 89-101609/14

Related WPI Accession(s): 89-101610

XRAM Acc No: C89-044777

Use of transmissible gastroenteritis virus of swine - for mfr. ***vaccine*** for preventing canine coronavirus in dogs

3/6/4

004180994 WPI Acc No: 85-007874/02

XRAM Acc No: C85-003229

Adjuvant-contg. live ***vaccine*** prepn. using oil-in-water emulsion giving high serological response in young animals still having maternal immunity

?s s1 and (propiolactone or glucopyranoside or ascorbic(w)acid)

113 S1

199 PROPIOLACTONE

210 GLUCOPYRANOSIDE
4007 ASCORBIC
350582 ACID
3725 ASCORBIC(W)ACID
S4 1 S1 AND (PROPIOLACTONE OR GLUCOPYRANOSIDE OR
ASCORBIC(W)ACID)
?t s4/7/1

4/7/1
DIALOG(R)File 351:DERWENT WPI
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007836497 WPI Acc No: 89-101609/14
Related WPI Accession(s): 89-101610
XRAM Acc No: C89-044777

Use of transmissible gastroenteritis virus of swine - for mfr. vaccine for preventing canine coronavirus in dogs

Patent Assignee: (BEEC) BEECHAM INC; (BEEC) BEECHAM GROUP PLC Author (Inventor): BORDT D; DRAAYER H

Number of Patents: 017

Number of Countries: 020

Patent Family:

CC Number	Kind	Date	Week	
EP 310316	A	890405	8914	(Basic)
AU 8822814	A	890406	8921	
AU 8822843	A	890406	8921	
DK 8805341	A	890329	8923	
DK 8805342	A	890329	8923	
PT 88590	A	890731	8935	
PT 88591	A	890731	8935	
ZA 8807195	A	890726	8935	
ZA 8807196	A	890726	8935	
JP 1230523	A	890914	8943	
JP 1230532	A	890914	8943	
US 5200179	A	930406	9316	
CA 1331562	C	940823	9435	
CA 1332919	C	941108	9445	
EP 310316	B1	950201	9509	
DE 3852918	G	950316	9516	
ES 2067474	T3	950401	9520	

Priority Data (CC No Date): US 101822 (870928)

Applications (CC,No,Date): EP 88308907 (880926); EP 88308907 (880926); ZA 887195 (880926); ZA 887196 (880926); JP 88243735 (880928); JP 88243734 (880928); US 243251 (880914); US 655254 (910213); CA 578384 (880926); CA 578383 (880926); EP 88308907 (880926); DE 3852918 (880926); EP 88308907 (880926)

Language: English

EP and/or WO Cited Patents: 6.Jnl.Ref; A3...9007; GB 1058340; No-SR.Pub; 03Jnl.Ref

Designated States

(Regional): AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE Filing Details: ES2067474 Based on EP 310316; DE3852918 Based on EP 310316

Abstract (Basic): EP 310316 A

The use of transmissible gastroenteritis (TGE) virus of swine for the mfr. of a vaccine for preventing

canine coronavirus infection in dogs is claimed.

The vaccine may be mfd. from Purdue strain TGE virus (ATCC VR-763). The vaccine may additionally comprise an attenuated modified live virus or inactivated virus chosen from canine distemper virus, canine parainfluenza virus, canine adenovirus (I and II), canine parovirus and canine coronavirus or may be combined with an inactivated bacterial vaccine chosen from *Leptospira canicola* bacterin and canine Bordetella bacterin.

Also claimed is a vaccine compsn. comprising inactivated TGE virus of swine.

Also claimed is a process for mfg. an inactivated vaccine prepd. from TGE virus of swine comprising (a) passing an isolate of TGE in cells of porcine and/or feline origin at a virus to cell ratio of 1:1 to 1:10,000 to obtain an attenuated live TGE virus, (b) propagating the live TGE virus by cell culture in mammalian cells, (c) harvesting viral fluids and (d) inactivating the viral fluids. The viral fluids may be inactivated with ***ascorbic*** ***acid*** and/or its salts in the presence of oxygen and a source of heavy metal ions e.g. Cu, Fe, Zn and Hg-contg. cpds., e.g. thimerosal.

USE/ADVANTAGE - Vaccines based on TGE virus protect dogs against canine coronavirus infection. Dwg.0/0

Abstract (US): 9316 US 5200179 A

Vaccine free from live viruses or bacteria and contg. inactivated virus or bacterium with a carrier is new. Inactivated virus or bacterium is prepd. by inactivating live virus or bacterium with ***ascorbic*** ***acid*** and/or its salt in the presence of O₂ and a source of heavy metal ions.

Source of metal ions is pref. a salt of a copper ion, zinc, or mercury contg. cpds. or thimerosal.

USE/ADVANTAGE - For treating or preventing diseases of animals e.g. transmissible gastroenteritis virus of swine, parvovirus, Herpes viruses e.g. pseudorabies virus and infectious bovine rhinotracheitis virus, panamyxo, parainfluenza-3, bovine coronavirus and bovine ***respiratory*** ***syncytial*** virus. Admin. is by any suitable route e.g. parenteral or topical. Dwg.0/0

Abstract (EP): 9509 EP 310316 B

The use of transmissible gastroenteritis virus of swine for the manufacture of a vaccine for preventing canine coronavirus infection in dogs. Dwg.0/0

Derwent Class: B04; C03; D16;

Int Pat Class: A61K-035/74; A61K-039/02; A61K-039/12; A61K-039/22; A61K-039/225; A61K-039/295; C12N-001/36; C12N-007/04; C12N-007/06 ?e au=sanhueza, sonia e

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S5 1 AU="SANHUEZA S E"

?t s5/6/1

5/6/1

010189430 WPI Acc No: 95-090684/12
XRAM Acc No: C95-041031
XRPX Acc No: N95-071725

Respiratory syncytial virus immunogenic compsn. - used for protection against disease or for detection or
prodn. of antibodies which can also be used for detection
?t s5/7/1

5/7/1
DIALOG(R)File 351:DERWENT WPI
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010189430 WPI Acc No: 95-090684/12
XRAM Acc No: C95-041031
XRPX Acc No: N95-071725

Respiratory syncytial virus immunogenic compsn. - used for protection against disease or for detection or
prodn. of antibodies which can also be used for detection

Patent Assignee: (CONN-) CONNAUGHT LAB LTD

Author (Inventor): EWASYSHYN M E; KLEIN M H; ***SANHUEZA S E*** Number of Patents: 002

Number of Countries: 028

Patent Family:

CC Number	Kind	Date	Week
WO 9504545	A1	950216	9512 (Basic)
AU 9473801	A	950228	9524

Priority Data (CC No Date): US 102742 (930806)

Applications (CC,No,Date): AU 9473801 (940804); WO 94CA425 (940804) Language: English

EP and/or WO Cited Patents: 3.Jnl.Ref; EP 222415; EP 310317 Designated States

(National): AU; BR; CA; CN; FI; JP; KR; NO; NZ; RU; UA; US (Regional): AT; BE; CH; DE; DK; ES;
FR; GB; GR; IE; IT; LU; MC; NL; PT; SE Filing Details: AU9473801 Based on WO 9504545

Abstract (Basic): WO 9504545 A

The following are claimed: (A) an immunogenic compsn. which is capable of producing a respiratory syncytial (RS) virus specific immune response in an immunised host, comprising purified, inactivated RS virus which is free from cellular and serum components and which is non-infectious, non-immunopotentiating, immunogenic and protective, and a carrier; (B) a method for preparing. a non-immunopotentiating, immunogenic compsn. capable of producing a RS virus specific immune response in an immunised host, which comprises: (a) growing RS virus on a cell line to produce a grown virus; (b) harvesting the grown virus; (c) purifying the harvested virus under non-denaturing conditions to produce a purified virus free from cellular and serum components; (d) inactivating the purified virus with an inactivating agent to provide a non-infectious, non-immunopotentiating and immunogenic compsn; (C) a diagnostic kit for determining the presence of antibodies specifically reactive with RS virus proteins in a sample, comprising: (a) an immunogenic compsn. as in (A); (b) a device for contacting the non-infectious, non-immunopotentiating and immunogenic RS virus with the sample to produce complexes comprising the virus and the antibodies present in the sample, and (c) a device for determining prodn. of the complexes.

USE - The immunogenic compsn. can be used for immunising a host against disease caused by RS virus or for prodn. of antibodies (claimed). The immunogenic compsn. can be used for detection of antibodies and the antibodies can be used for detecting RS virus proteins (claimed).

ADVANTAGE - The immunogenic compsns. exhibit immunogenicity and protective ability while being non-infectious and non-immunopotentiating.

Dwg.0/0

Derwent Class: B04; D16; S03;

Int Pat Class: A61K-039/155; C12N-007/02; C12N-007/06; G01N-033/569 ?e au=ewasyshyn, m e

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S6 3 AU= "EWASYSHYN M E"
 ?t s6/6/1-3

6/6/1

010189430 WPI Acc No: 95-090684/12

XRAM Acc No: C95-041031

XRPX Acc No: N95-071725

Respiratory syncytial virus immunogenic compsn. - used for protection against disease or for detection or
 prodn. of antibodies which can also be used for detection

6/6/2

009549672 WPI Acc No: 93-243222/30

XRAM Acc No: C93-108444

XRPX Acc No: N93-187062

Multimeric hybrid genes and their chimeric proteins - are vaccines against multiple pathogenic infections
 e.g. para-influenza virus and respiratory syncytial virus

6/6/3

008532501 WPI Acc No: 91-036585/05

XRAM Acc No: C91-015632

Envelope glyco-protein prepn. - from enveloped virus e.g. para-myxoviral family, confers
 immunogenicity on subjects to which it is administered
 ?e klein, m h

Ref	Items	Index-term
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 S7 2 AU="KLEIN M H" AND RESPIRATORY
 ?t s7/6/1-2

7/6/1
 010189430 WPI Acc No: 95-090684/12
 XRAM Acc No: C95-041031